

## **ABSTRACT**

**An arthroeresis-prosthesis (endorthosis) system comprising a sinus tarsi implant for the purpose of blocking abnormal motion between the talus and calcaneus while allowing normal motion and alignment. In a preferred embodiment, the prosthetic device is composed of a non-metallic, specialized medical grade polymer (polyetheretherketone-PEEK) that is a combination of a frustum of a right cone and an axially extending cylinder that is cannulated and partially structured on the exterior surface.**